



U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE CENTER
WASHINGTON, D.C. 20233

July 25, 1966

IN REPLY REFER TO: S

Mr. Kirby J. Hanson
National Environmental Satellite Center Office
Environmental Science Services Administration
1024 Regent Street
Madison, Wisconsin 53715

Dear Kirby:

I wish to give a preliminary reply to your letter of July 19 received here July 22. You indicated it would be helpful to receive my opinion regarding the draft proposal on the evaluation of ESSA III radiometer data "a few days before he (Suomi) leaves" on August 28. It seems impossible, depending on your definition of a few days, to give any meaningful opinions in that time scale. Art Johnson is on leave until August 1. Since it is proposed to provide support to the operational data reduction and associated calibration, I wish to involve him in the consideration of any contractual effort. In the meantime, I am circulating copies of the draft to Bristol, Winston and Moore.

Some of my initial thoughts follow. While there may be some strong validity in obtaining assistance from the University of Wisconsin on the operational calibration and data reduction, there should be a much clearer distinction between what is to be done under the present grant and what in addition would be done under an operational contract. There may be serious problems from an operational point of view in using computer software prepared by the University in our operational data reduction system here. The complications that come to mind are those involving specific computers and interfaces with other software subsystems. On the other hand, assistance might be invaluable in blocking out the functions to be performed by the computer. As a result of discussions between Jim Moore and Suomi, I understand that arrangements are being made to obtain the needed calibration data immediately following ESSA III launch as discussed on page 3 of the draft proposal.

We will write you again on this matter following a review by the cognizant staff members of NESC.

Sincerely yours,



David S. Johnson
Director

cc: A. W. Johnson
C. L. Bristol
H. S. Moore
J. S. Winston